

## Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Number of peptide bonds in tetrapeptide are.	A. 1 B. 2 C. 3 D. 4
2	A researcher is studying a newly discovered protein. Linked to a rare disease. The protein's sequence shows no match in BLAST, the next possible step is	A. Modify protein sequence B. Check for structural homology using PDB C. Reanalyze the protein structure D. Go for x-ray crystallography
3	Tagmata is the characteristic feature of	A. Echinoderms B. Arthropods C. Annelids D. Molluscs
4	Which one of the following is not nitrifying bacteria.	A. Pseudomonas B. Nitrobacter C. Nitrosomonas D. Azotobacter
5	Ethylene is a natural product of metabolism of plants which	A. Promotes flowering in pineapple B. Inhibits fruit ripening C. Promotes seed dormancy D. All of above
6	SA -node initiates heartbeat in	A. Right atrium only B. Right atrium and partially left also C. Right and left both atria D. Left atrium and partially right also
7	Annelids have circulatory system.	A. Closed B. Open C. Absent D. Reduced
8	Control of breathing is located in	A. Medulla oblongata B. Cerebrum C. Cerebellum D. diaphragm
9	The program in DNA that directs cellular activities is stored in.	A. Genes B. Ribosomal proteins C. Phosphodiester bond D. Hydrogen bond
10	The conjugated molecules that are integral structural components of membranes of the cells are.	A. Glycolipids B. Glycoproteins C. Nucleoproteins D. Both a and b
11	ATP is a form of which energy	A. Electrical B. Analytical C. Chemical D. Physical
12	The TACT theory primarily explains	A. The movement of nutrients into plants B. The transport of water in plants C. The absorption of minerals D. The process of photosynthesis
13	Companion cells supply.....to sieve tube elements.	A. ATP and proteins B. proteins and lipids C. Sugar and water D. Supply nothing
14	Modified form of cellulose is called.	A. Pectin B. Chitin C. Agar D. Dextrin
15	Who proposed that guard cells in leaf epidermis are solely responsible for photosynthesis.	A. H. Van Mohl B. Doxpm C. f. Sanger

D. Van Neil

16	X-ray crystallography is used to study.	A. Surface topology of cell B. Create sharp and detail images C. Atomic structure of membrane proteins D. High resolution image of membrane
17	Secondary growth refers to the	A. Increase in length of plant B. Increase in thickness or girth of stem C. Having primary tissue D. All of above
18	What is the primary role of antibodies.	A. Transport CO <sub>2</sub> B. Catalyze metabolic reactions C. Store iron D. Neutralize antigen
19	Which pathway occurs in CAM Plants	A. C-3 pathway B. C-4 Pathway C. C-3 and C-4 Pathway D. C-2 Pathway
20	In the nucleus of eukaryotic cells, the genetic material is complexed with protein and organized into linear structures called.	A. Chromosomes B. Centrioles C. Histones D. Plasmids